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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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shading correction with employment of white reference data corrected by the white reference correction coefficient. In this image reading method, in the case where a plurality of the originals are read, the above-described steps b), c), and d) are repeatedly performed. As a result, since the setting operation for setting again the white reference data can be omitted, the time period required to read the image can be shortened.



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EUROPEAN SEARCH REPORT

Application Number
EP 98 10 5641

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	DE 40 20 817 A (TOSHIBA KAWASAKI KK) 10 January 1991	1,4	H04N1/401
A	* abstract; figures 1-20 * * column 7, line 45 - column 9, line 61 *	2,3,5-9	
A	EP 0 439 358 A (HEWLETT PACKARD CO) 31 July 1991 * abstract; figures 4,5,7 *	1,4	
A	EP 0 439 357 A (HEWLETT PACKARD CO) 31 July 1991 * abstract; figures 4,7,9 *	1,4	
A	GB 2 110 899 A (XEROX CORP) 22 June 1983 * the whole document *	1,4	
A	US 5 151 796 A (ITO YASUO ET AL) 29 September 1992 * abstract; figures 1-15 * * column 3, line 47 - line 60 * * column 4, line 59 - column 5, line 3 *	1,4	
A	EP 0 552 849 A (CANON KK) 28 July 1993		TECHNICAL FIELDS SEARCHED (Int.Cl.6) H04N
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 29 June 1999	Examiner Kassow, H
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 10 5641

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

29-06-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 4020817 A	10-01-1991	JP 3035233 A	15-02-1991
		US 5099341 A	24-03-1992
EP 0439358 A	31-07-1991	DE 69118217 D	02-05-1996
		DE 69118217 T	22-08-1996
		JP 4212560 A	04-08-1992
		US 5278674 A	11-01-1994
EP 0439357 A	31-07-1991	DE 69126895 D	28-08-1997
		DE 69126895 T	20-11-1997
		JP 4213272 A	04-08-1992
		US 5285293 A	08-02-1994
GB 2110899 A	22-06-1983	US 4404597 A	13-09-1983
		DE 3239851 A	16-06-1983
		JP 1735916 C	26-02-1993
		JP 4015663 B	18-03-1992
		JP 58099070 A	13-06-1983
US 5151796 A	29-09-1992	JP 2254863 A	15-10-1990
		JP 3004676 A	10-01-1991
		JP 3004677 A	10-01-1991
EP 0552849 A	28-07-1993	JP 2682982 B	26-11-1997
		JP 63276970 A	15-11-1988
		JP 63276971 A	15-11-1988
		JP 63276972 A	15-11-1988
		CA 1316207 A	13-04-1993
		DE 3853439 D	04-05-1995
		DE 3853439 T	14-09-1995
		EP 0276126 A	27-07-1988
		EP 0830012 A	18-03-1998
		US 5121230 A	09-06-1992
		US 5596427 A	21-01-1997
		US 5748335 A	05-05-1998

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